



Cloud Application Resilience: Soak Testing Assurance

G Cloud 15 - LOT3

1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Cloud Application Resilience: Soak Testing Assurance

Service Description

Comprehensive soak testing for cloud-based applications, ensuring long-term performance and reliability for enterprises seeking uninterrupted digital operations.

Features

- Continuous execution of simulated user workloads over extended periods
- Identification of performance degradation trends and memory leaks
- Automated alerts for resource exhaustion or failures during testing
- Customizable soak test scenarios tailored to client environments
- Real-time monitoring and analytics of application behavior
- Stress validation for database, storage, and network components
- Detailed reporting with actionable remediation recommendations
- Integration with CI/CD pipelines for ongoing quality assurance
- Expert tuning of cloud infrastructure for optimal endurance
- Risk assessment for downtime and service interruptions

Benefits

- Mitigates risk of unexpected downtime from long-term usage
- Uncovers elusive defects not found in short-term tests
- Enhances end-user experience by ensuring persistent stability
- Supports compliance with rigorous SLA performance criteria
- Reduces remediation costs through early issue detection
- Improves confidence in go-live and cloud migration decisions
- Streamlines performance optimization for cloud investments
- Provides clear, executive-friendly reporting for stakeholders
- Strengthens business continuity and disaster recovery posture
- Empowers IT teams with actionable, data-driven insights

Constraints

Requires access to target cloud environments and test data; excludes application code fixes.

CONTACT US

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